AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

- 1. (Currently amended): A semiconductor device comprising:
 - a first insulating film formed over a substrate;
- a first interconnection buried in at least a surface side of the first insulating film, the first interconnection having a pattern which is bent at a right angle;
- a second insulating film formed on the first insulating film with the first interconnection buried in, and including a groove-shaped via-hole formed in a region above the first interconnection, the groove-shaped via-hole having a pattern which is formed along an extending direction of the first interconnection and is bent at a right angle; [[and]]
 - a first buried conductor filled in the groove-shaped via-hole; and
- a second buried conductor buried in a hole-shaped via-hole formed in the second insulating film on the first interconnection, a width of the groove-shaped via-hole being 20 140% of a width of the hole-shaped via-hole.
 - 2. (Withdrawn): A semiconductor device according to claim 1, wherein
- a width at a bent portion of the pattern of the groove-shaped via-hole is not more than a width at a straight portion thereof.

- 3. (Withdrawn): A semiconductor device according to claim 1, wherein the groove-shaped via-hole is bent at a bent portion of the pattern a plurality of times at a larger angle than 90°.
 - 4. (Withdrawn): A semiconductor device according to claim 3, wherein the groove-shaped via-hole is bent at the bent portion of the pattern twice each at 135°.
- 5. (Withdrawn): A semiconductor device according to claim 3, wherein a pattern of the first interconnection is bent in the same way as the pattern of the groove-shaped via-hole.
- 6. (Withdrawn): A semiconductor device according to claim 4, wherein a pattern of the first interconnection is bent in the same way as the pattern of the groove-shaped via-hole.
 - 7. (Withdrawn): A semiconductor device comprising:
 - a first insulating film formed over a substrate;
- a first interconnection buried in at least a surface side of the first insulating film, the first interconnection having a pattern which is bent at a right angle;

a second insulating film formed on the first insulating film with the first interconnection buried in, and including a groove-shaped via-hole formed in a region above the first interconnection; and

a first buried conductor filled in the groove-shaped via-hole,

the groove-shaped via-hole being interrupted at a corner of the pattern of the first interconnection.

8. (Cancelled)

9. (Withdrawn): A semiconductor device according to claim 7, further comprising: a second buried conductor buried in a hole-shaped via-hole formed in the second insulating film on the first interconnection.

10. (Cancelled)

11. (Withdrawn): A semiconductor device according to claim 9, wherein a width of the groove-shaped via-hole is 20 - 140% of a width of the hole-shaped via-hole.

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12. (Currently amended): A semiconductor device according to claim 8, wherein

comprising:

a first insulating film formed over a substrate;

a first interconnection buried in at least a surface side of the first insulating film, the first

interconnection having a pattern which is bent at right angle;

a second insulating film formed on the first insulating film with the first interconnection

buried in, and including a groove-shaped via-hole formed in a region above the first

interconnection, the groove-shaped via hole having a pattern which is formed along an extending

direction of the first interconnection and is bent at a right angle;

a first buried conductor filled in the groove-shaped via-hole; and

a second buried conductor buried in a hole-shaped via-hole formed in the second

insulating film on the first interconnection, a width of the groove-shaped via-hole [is] being not

more than a width of the hole-shaped via-hole.

13. (Withdrawn): A semiconductor device according to claim 9, wherein

a width of the groove-shaped via-hole is not more than a width of the hole-shaped via-

hole.

14. (Withdrawn): A semiconductor device according to claim 1, including a plurality of

groove-shaped via-holes arrange adjacent to each other formed in the second insulating film,

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at least a part of the grooves being formed of the groove-shaped via-hole.

- 15. (Withdrawn): A semiconductor device according to claim 7, including a plurality of groove-shaped via-holes arrange adjacent to each other formed in the second insulating film, at least a part of the grooves being formed of the groove-shaped via-hole.
 - 16. (Withdrawn): A semiconductor device according to claim 14, wherein the groove-shaped via-hole is formed at the outermost of the groove-shaped via pattern.
 - 17. (Withdrawn): A semiconductor device according to claim 15, wherein the groove-shaped via-hole is formed at the outermost of the groove-shaped via pattern.
- 18. (Withdrawn): A semiconductor device according to claim 14, wherein the groove-shaped via pattern is formed on one and the same pattern of the first interconnection.
- 19. (Withdrawn): A semiconductor device according to claim 15, wherein the groove-shaped via pattern is formed on one and the same pattern of the first interconnection.

20. (Cancelled)

21. (Withdrawn): A semiconductor device according to claim 7, wherein the groove-shaped via-hole is formed along an extending direction of the first interconnection.

22. (Previously presented): A semiconductor device comprising:

a conducting layer buried in a surface side of a substrate the conducting layer having a pattern which is bent at a right angle;

an insulating film formed on the substrate with the conducting layer buried in, and including a groove-shaped via-hole formed in a region above the conducting layer, the via-hole having a pattern which is formed along an extending direction of the conducting layer and is bent at a right angle; and

a buried conductor filled in the groove-shaped via-hole.

- 23. (Withdrawn): A semiconductor device according to claim 7, wherein the first interconnection buried in the first insulating film is a conducting layer buried in the substrate.
 - 24. (Original): A semiconductor device according to claim 1, wherein

the first interconnection is formed of a conductor which is mainly formed of copper.

- 25. (Withdrawn): A semiconductor device according to claim 7, wherein the first interconnection is formed of a conductor which is mainly formed of copper.
- 26. (Original): A semiconductor device according to claim 1, further comprising: a second interconnection formed on the second insulating film and formed of a conductor which is mainly formed of aluminum.
- 27. (Withdrawn): A semiconductor device according to claim 7, further comprising:
 a second interconnection formed on the second insulating film and formed of a conductor which is mainly formed of aluminum.
 - 28. (Original): A semiconductor device according to claim 26, wherein the first interconnection and the second interconnection have the same pattern.
 - 29. (Withdrawn): A semiconductor device according to claim 27, wherein the first interconnection and the second interconnection have the same pattern.
 - 30. (Withdrawn): A semiconductor device comprising:

a first and a second impurity diffused regions formed in a semiconductor substrate;

a first insulating film formed on the semiconductor substrate, and including a grooveshaped via-hole having a pattern bent at a right angle formed in a region above the first impurity diffused region and a hole-shaped via-hole formed in a region above the second impurity diffused region;

a first buried conductor buried in the groove-shaped via-hole; and

a second buried conductor buried in the hole-shaped via-hole,

a width of the groove-shaped via-hole being 20 - 140% of a width of the hole-shaped via-hole.

31. (Original): A semiconductor device according to claim 1, wherein the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.

32. (Withdrawn): A semiconductor device according to claim 7, wherein the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.

33. (Withdrawn): A semiconductor device according to claim 30, wherein

the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.

- 34. (Previously presented): A semiconductor device according to claim 1, wherein the second insulating film is a layer film of a silicon nitride film and a silicon oxide film.
- 35. (Withdrawn): A semiconductor device according to claim 7, wherein the second insulating film is a layer film of a silicon nitride film and a silicon oxide film or a layer film of an SiC film and a silicon oxide film.
- 36. (Withdrawn): A semiconductor device according to claim 30, wherein the second insulating film is a layer film of a silicon nitride film and a silicon oxide film or a layer film of an SiC film and a silicon oxide film.
 - 37. (Previously presented): A semiconductor device according to claim 1, wherein the first insulating film is a layer film of a silicon nitride film and a silicon oxide film.
- 38. (Withdrawn): A semiconductor device according to claim 7, wherein the first insulating film is a layer film of a silicon nitride film and a silicon oxide film or a layer film of an SiC film and an SiOC film.

39. (Withdrawn): A semiconductor device according to claim 30, wherein the first insulating film is a layer film of a silicon nitride film and a silicon oxide film or a layer film of an SiC film and an SiOC film.

40. (Withdrawn): A method for fabricating a semiconductor device including a first insulating film formed over a substrate, a first interconnection buried in at least a surface side of the first insulating film, and a second insulating film formed on the first insulating film with the first interconnection buried in and including a groove-shaped via-hole and a hole-shaped via-hole which are opened on the first interconnection,

in forming the groove-shaped via-hole and the hole-shaped via-hole in the second insulating film, a mask pattern having a design width of the groove-shaped via-hole smaller than a design width of the hole-shaped via-ole being used to form the groove-shaped via-hole and the hole-shaped via-hole.

41.(Withdrawn): A method for fabricating a semiconductor device including a first insulating film formed over a substrate, a first interconnection buried in at least the surface side of the first insulating film, a second insulating film formed on the first insulating film with the first interconnection buried in and including a groove-shaped via-hole and a hole-shaped via-hole

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which are opened on the first interconnection, and a buried conductor buried in the groove-

shaped via-hole and the hole-shaped via-hole,

in forming the buried conductor, a deposited film thickness of a conducting film to be the

buried conductor being set in consideration of a maximum width of the groove-shaped via-hole,

so that the groove-shaped via-hole and the hole-shaped via-hole are filled by the buried

conductor.

42. (Previously presented) A semiconductor device according to claim 1, wherein the

second insulating film is a layer film of an SiC film and a silicon oxide film.

43. (Previously presented) A semiconductor device according to claim 1, wherein the

first insulating film is a layer film of an SiC film and an SiOC film.

44. (Previously presented) A semiconductor device according to claim 1, wherein the

first buried conductor completely fills the groove-shaped via-hole without any voids.

45. (New): A semiconductor device comprising:

a conducting layer buried in a surface side of a substrate, the conducting layer having a

pattern which is bent at a right angle;

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an insulating film formed on the substrate with the conducting layer buried in, and including a groove-shaped via-hole formed in a region above the conducting layer, the via-hole having a pattern which is formed along an extending direction of the conducting layer and is bent at a right angle;

a first buried conductor filled in the groove-shaped via-hole; and

a second buried conductor buried in a hole-shaped via-hole formed in the insulating film, a width of the groove-shaped via-hole being not more than a width of the hole-shaped via-hole.

46. (New): A semiconductor device according to claim 12, wherein the first interconnection is formed of a conductor which is mainly formed of copper.

47. (New): A semiconductor device according to claim 12, further comprising:
a second interconnection formed on the second insulating film and formed of a conductor which is mainly formed of aluminum.

48. (New): A semiconductor device according to claim 47, wherein the first interconnection and the second interconnection have the same pattern.

49. (New): A semiconductor device according to claim 12, wherein

the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.

50. (New): A semiconductor device according to claim 22, wherein the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.

51. (New): A semiconductor device according to claim 45, wherein the first buried conductor and the second buried conductor are formed of a conductor mainly formed of tungsten.